

<b>INFORMATION DISCLOSURE STATEMENT</b>		<b>Case Name.</b> Serial No. <b>Applicant:</b> <b>Filing Date:</b> <b>Group:</b>	<b>C. Chen 5-17</b> <b>C. Chen, et al.</b> <b>October 31, 2003</b>
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**U.S. PATENT DOCUMENTS**

<b>*Examiner Initial</b>		<b>Document Number</b>	<b>Date</b>	<b>Name</b>	<b>Class</b>	<b>Subclass</b>	<b>Filing Dat</b>
<i>mj</i>	AA	6,471,761	10/29/02	Fan et al.	106	287.16	4/20/01
	AB	6,387,453	5/14/02	Brinker et al.	427	387	3/2/00
	AC	6,465,387	10/15/02	Pinnavaia et al.	502	158	10/18/00
	AD	Serial No. 10/383150		Chen et al.			3/6/03
	AE	5,248,734	9/28/93	Ober et al.	525	328.8	6/16/92
	AF	5,665,527	9/9/97	Allen et al.	430	325	2/3/97
	AG	6,329,070	12/11/01	Sass et al.	428	612	12/7/00
	AH	6,379,874	4/30/02	Ober et al.	430	322	10/16/00
	AI	6,583,071	6/24/03	Weidman et al.	438	787	10/18/00
	AJ	Serial No. 10/040017		Megens et al.			1/4/02
	AK	Serial No. 10/321027		Reichmanis et al.			12/17/02
	AL	5,922,299	7/13/99	Bruinsma et al.	423	335	8/26/97
	AM	5,348,687	9/20/94	Beck et al.	252	582	11/26/93
	AN	5,948,470	9/7/99	Harrison et al.	427	198	4/22/98
	AO	6,027,666	2/22/00	Ozin et al.	252	301.4R	6/5/98
<i>mj</i>	AP	6,319,427	11/20/01	Ozin et al.	252	301.4F	2/7/00
<i>mj</i>	AQ	6,409,907	6/25/02	Braun et al.	205	317	2/11/99

**FOREIGN PATENT DOCUMENTS**

		<b>Document Number</b>	<b>Date</b>	<b>Country</b>	<b>Class</b>	<b>Subclass</b>	<b>Translation</b>
<i>mj</i>	AR	WO 01/42540 A1	6/14/01	PCT	C30B	33/00	Yes
<i>mj</i>	AS	WO 01/51990 A1	7/19/01	PCT	G03C	5/00	Yes
<i>mj</i>	AT	WO 01/31404 A1	5/3/01	PCT	G03F	7/30	Yes

**OTHER (including Author, Title, Date, Pertinent Pages, etc.)**

<i>mj</i>	AU	Lee, Y-J., Braun, P.V., "Tunable Inverse Opal Hydrogel pH Sensors," Adv. Mater. 2003, 15, No. 7-8, April 17, 2003, pp. 563-566.
<i>mj</i>	AV	Arsenault, A.C., et al., "A Polychromic, Fast Response Metallocopolymer Gel Photonic Crystal with Solvent and Redox Tunability: A Step Towards Photonic Ink (P-Ink)," Adv. Mater. 2003, 15, No. 6, March 17, 2003, pp. 503-507.

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
<i>Marc Jernas</i>	3/23/05

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

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AW	Zhang, S., et al., "Materials and techniques for electrochemical biosensor design and construction," Biosensors & Bioelectronics 15, (2000), pp. 273-282.
AX	Hongkai, W., et al., "Reduction Photolithography Using Microlens Arrays: Applications in Gray Scale Photolithography," Analytical Chemistry, Vol. 74, No. 14, July 15, 2002, pp. 3267-3273.
AY	Leister Microsystems, leaflet by Leister Microsystems entitled, "Micro-optics - Imagine the Future of Light," 4 pages, 9/2001.
AZ	Stokes, D.L., et al., "Detection of <i>E. coli</i> using a microfluidics-based Antibody Biochip detection systems," Fresenius, J. Anal Chem (2001) 369, pp. 295-301.
AA-1	Jahns, J., et al., "Microoptics for biomedical applications," American Biotechnology Laboratory, No. 18, October 2000, pp. 52 and 54.
AA-2	Campbell, D.J., et al., "Replication and Compression of Bulk and Surface Structures with Polydimethylsiloxane Elastomer," Journal of Chemical Education, Vol. 76, No. 4, April 1999, pp. 537-541.
AA-3	Kruk, M., "Mesoporous Silicate-Surfactant Composites with Hydrophobic Surfaces and Tailored Pore Sizes," Journal of Physical Chemistry B (2002) 106, 10096.
AA-4	Avgeropoulos, et al., "Synthesis and Morphological Behavior of Silicon-Containing Triblock Copolymers for Nanostructure Applications," Chem. Mater. 1998, 10, pp. 2109-2115.
AA-5	Chan, Vanessa Z.-H., et al., "Ordered Bicontinuous Nanoporous and Nanorelief Ceramic Films from Self Assembling Polymer Precursors," Science, 11/26/99, Vol. 286, pp. 1716-1719.
AA-6	Shishido, A., et al., "Direct fabrication of two-dimensional titania arrays using interference photolithography," Applied Physical Letters, Vol. 79, No. 20, 11/12/01, pp. 3332-3334.
AA-7	Sundararajan, N., et al., "Supercritical CO <sub>2</sub> Processing for Submicron Imaging of Fluoropolymers," Chemistry of Materials, Vol. 12, No. 1, January 2000, pp. 41-48.
AA-8	A.J. Turberfield, "Photonic Crystals Made By Holographic Lithography", MRS. Bulletin, August 2001, pp. 632-636.
AA-9	M. Campbell, et al., "Fabrication Of Photonic Crystals For The Visible Spectrum By Holographic Lithography," Nature, Vol. 404, March 2, 2000, pp. 53-56.
AA-10	K.M. Ho, et al., "Existence Of A Photonic Gap In Periodic Dielectric Structures," Physical Review Letters, Vol. 65, No. 25, December 17, 1990, pp. 3152-3155.
AA-11	E. Ozbay, et al., "Measurement Of A Three-Dimensional Photonic Band Gap In A Crystal Structure Made Of Dielectric Rods," Physical Review B, Vol. 50, No. 3, July 15, 1994, pp. 1945-1948.
AA-12	A Tuberfield, "Photonic Crystals Made By Holographic Lithography" ABSTRACT from Symposium K, Microphotonics-Materials, Physics, and Applications, Nov. 26-29, 2001.
AA-13	S. Shoji et al., "Photofabrication Of Three-Dimensional Photonic Crystals By Multibeam Laser Interference Into A Photopolymerizable Resin," Applied Physics Letters, Vol. 76, No. 19, May 8, 2000, pp. 2668-2670.
AA-14	Kresge, C.T. et al: " <u>Ordered mesoporous molecular sieves synthesized by a liquid-crystal template mechanism</u> " NATURE, vol. 359, October, 1992, pp. 710-712.
AA-15	Tanew, Peter T. et al: " <u>A Neutral Templating Route to Mesoporous Molecular Sieves</u> " SCIENCE, vol. 267, February, 1995, pp. 865-866.
AA-16	Huo, Q. et al: " <u>Generalized synthesis of periodic surfactant/inorganic composit materials</u> " NATURE, vol. 368, March, 1994, pp. 317-321.
AA-17	Sanchez, C. et al: " <u>Design and Properties of Hybrid Organic-Inorganic Nanocomposites for Photonics</u> " Mrs Bulletin, May, 2001, pp. 377-387.
AA-18	Yang, P. et al: " <u>Hierarchically Ordered Oxides</u> " Science, vol. 282, December 1998, pp. 2244-2246.
AA-19	Templin, M. et al: " <u>Organically Modified Aluminosilicate Mesostructures from Block Copolymer Phases</u> " Science, vol. 278, December, 1997, pp. 1795-1798.
AA-20	Raman, N. K. et al: " <u>Template-Based Approaches to the Preparation of Amorphous, Nanoporous Silicas</u> " Chemical Mater, vol. 8, February 1996, pp. 1682-1701.
AA-21	Yang P. et al: " <u>Block Copolymer Templating Syntheses of Mesoporous Metal Oxides with Large Ordering Lengths and Semicrystalline Framework</u> " Chemical Mater, vol. 11, 1999, pp. 2813-2826.

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M	AA-22	Brinker, C. J. et al: "Evaporation-Induced Self-Assembly: Nanostructures Made Easy*** Advanced Materials, vol. 11, 1999, pp. 579-585.
M	AA-23	Vlasnov et al., "On-Chip Natural Assembly of Silicon Photonic Bandgap Crystals," Nature Vol. 414, Nov. 15, 2001, pp. 289-293.
M	AA-24	Baney et al., "Silsesquioxanes," American Chemical Society, 1995, pp. 1409-1430.

\*\*\*References listed beyond AZ would list as AA-1, AB-2, AC-3 thru AZ-26.

\*\*\*Note First Page ONLY Header/Footer. Subsequent pages must ONLY have page # layout as header